

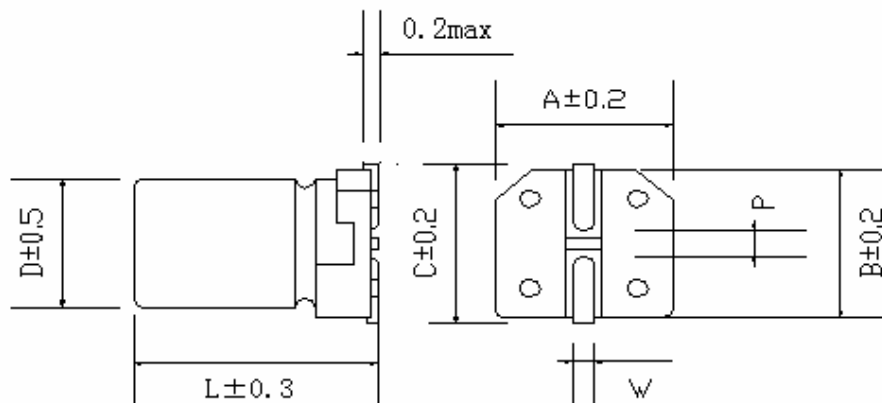
**AA Series**



Part number	<b>AA330M050E077PTR</b>	
Capacitance	33	μF
Voltage	50	VDC
Surge Voltage	63	VDC
Capacitance Tolerance (@120Hz, +20°C)	±20	%
Ripple current (max, @100kHz, +105°C)	1600	mA
Dissipation factor(tanδ @120Hz, +20°C)	10	%
ESR (max, @100kHz, +20°C)	40	mΩ
Leakage Current (max, @ +20°C)*	16.5	μA
Size	6.3X7.7	mm
Operating temperature	-55 ~ +105	°C
Endurance	10000	h

\*I≤0.01CV or 3 μA max., whichever is greater  
After 2 minutes measured with rated working voltage applied.

Test conditions	Endurance
Duration time	10000h @ 105°C
Applied voltage	Rated DC working voltage
After test requirements (+20°C):	
Capacitance change	≤ ±30% of initial measured value
Dissipation factor change	≤ 200% of the value specified
Leakage current*	≤ the value specified
ESR	≤ 200% of the value specified



D	L	A	B	C	W	P±0.2
6.3	7.7	6.5	6.5	7.2	0.5~0.8	2.2

Series	Cap	Tol.	Voltage	Case D	Case L	Type	Lead Treatm.	Special
1_2	3_4_5	6	7_8_9	10	11_12_13	14	15_16	17_18_19_20
<b>AA</b>	<b>330</b>	<b>M</b>	<b>050</b>	<b>E</b>	<b>077</b>	<b>P</b>	<b>TR</b>	
	=33μF	=±20%	=50V	=6.3mm	=7.7mm	P=standard	=SMD tape and reel	
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